

FIG. 1 is a schematic diagram of a wavelength conversion system 100. The system includes a plurality of input waveguides 130A, 130B, ..., 130N, a plurality of output waveguides 140A, 140B, ..., 140N, a switch controller 150, and a wavelength converting switch 120. The input waveguides 130A, 130B, ..., 130N are coupled to the switch controller 150 and the wavelength converting switch 120. The output waveguides 140A, 140B, ..., 140N are coupled to the switch controller 150 and the wavelength converting switch 120. The switch controller 150 is coupled to the wavelength converting switch 120. The wavelength converting switch 120 is coupled to the output waveguides 140A, 140B, ..., 140N. The switch controller 150 is coupled to the input waveguides 130A, 130B, ..., 130N. The wavelength converting switch 120 is coupled to the input waveguides 130A, 130B, ..., 130N. The switch controller 150 is coupled to the output waveguides 140A, 140B, ..., 140N. The wavelength converting switch 120 is coupled to the output waveguides 140A, 140B, ..., 140N. The switch controller 150 is coupled to the input waveguides 130A, 130B, ..., 130N. The wavelength converting switch 120 is coupled to the input waveguides 130A, 130B, ..., 130N. The switch controller 150 is coupled to the output waveguides 140A, 140B, ..., 140N. The wavelength converting switch 120 is coupled to the output waveguides 140A, 140B, ..., 140N.

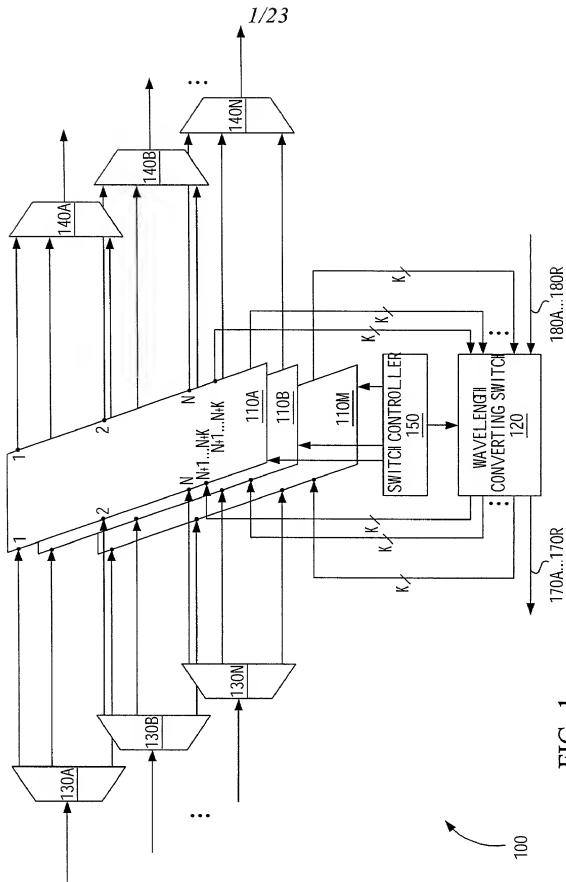


FIG. 1

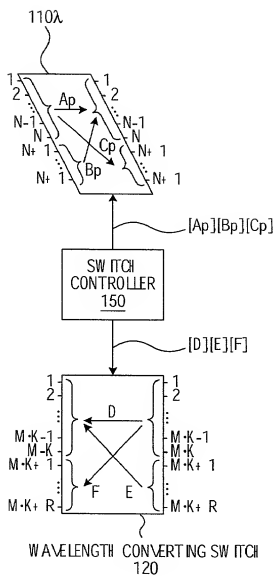
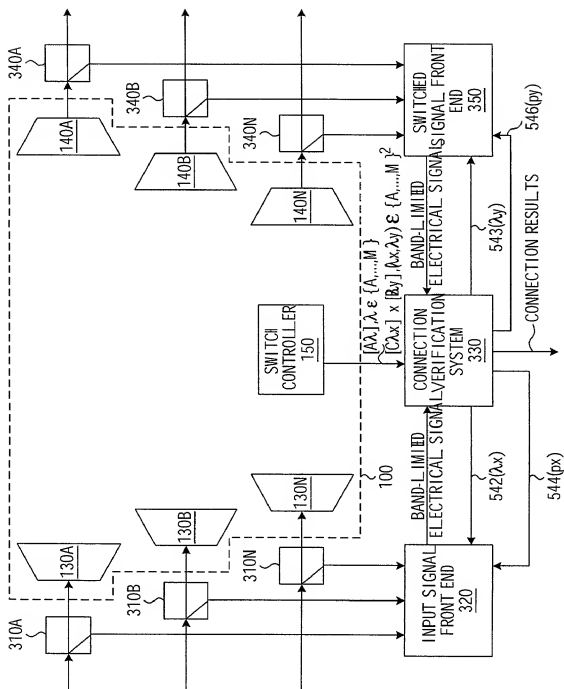


FIG. 2

FIG. 3



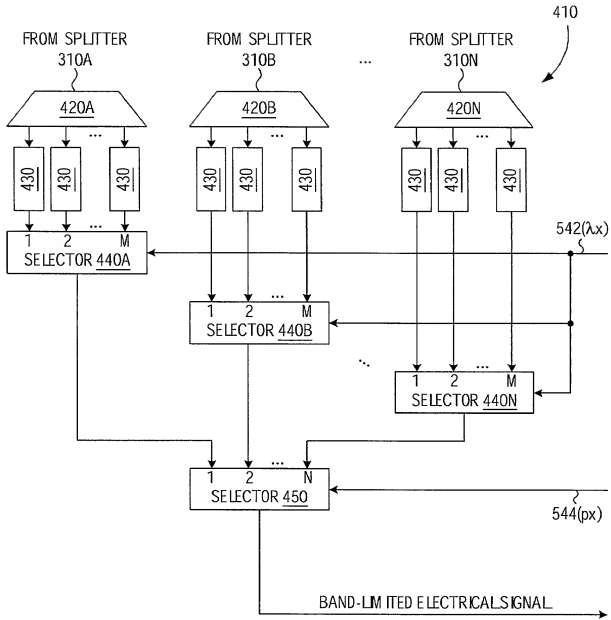


FIG. 4

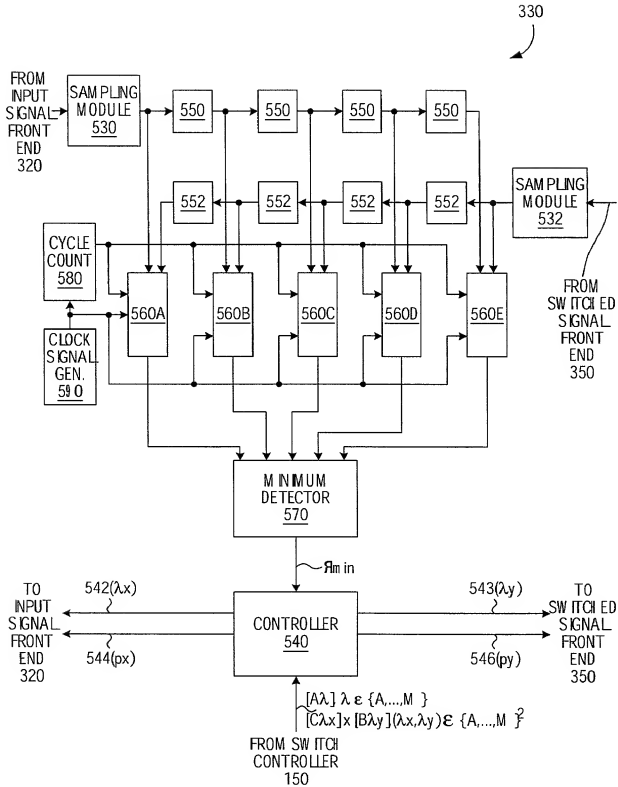


FIG. 5

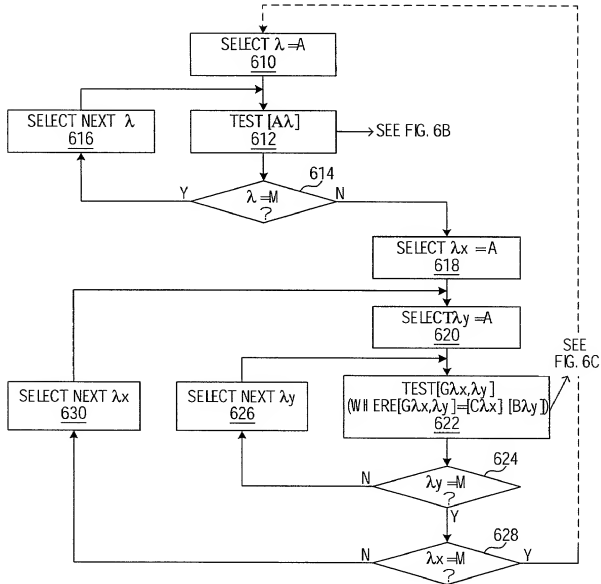


FIG. 6A

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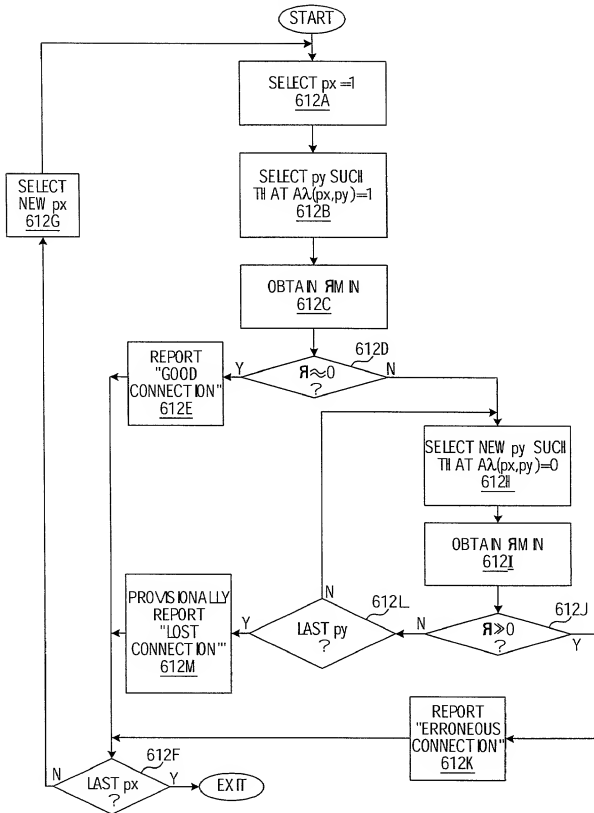


FIG. 6B

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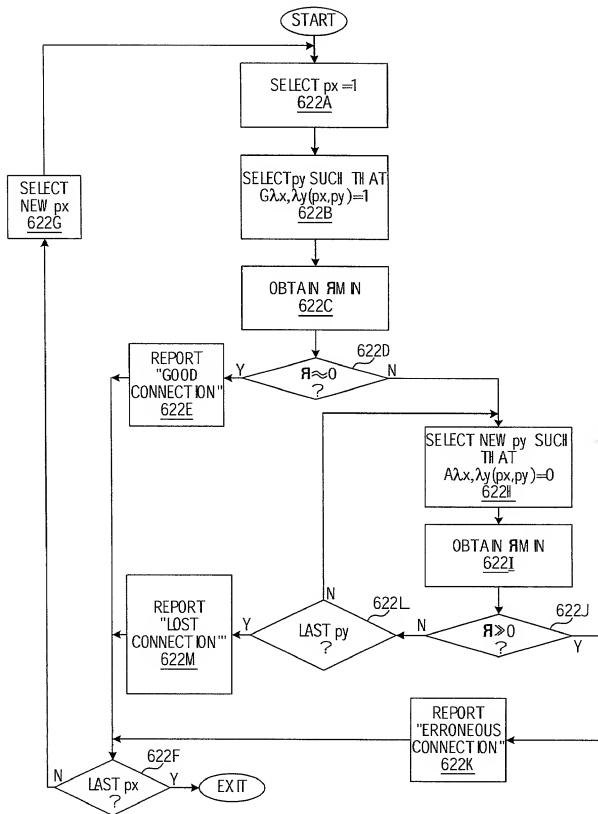


FIG. 6C



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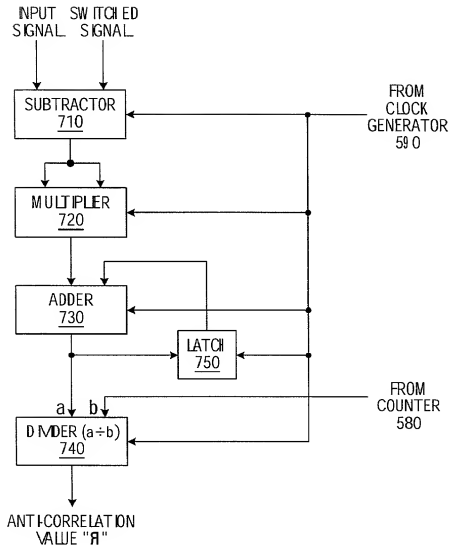


FIG. 7

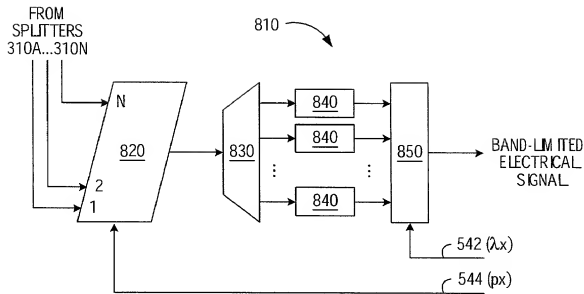


FIG. 8

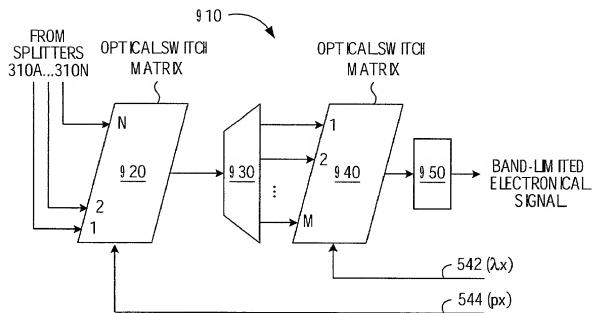


FIG. 9

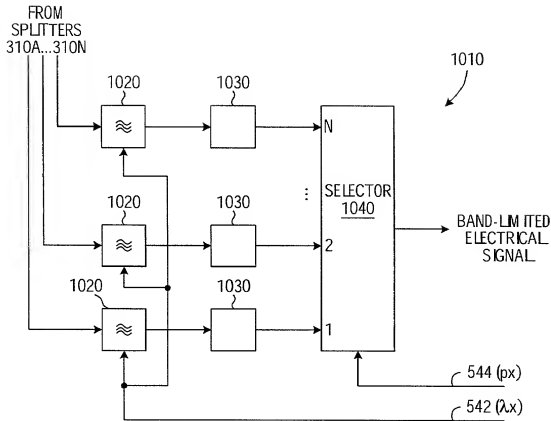


FIG. 10

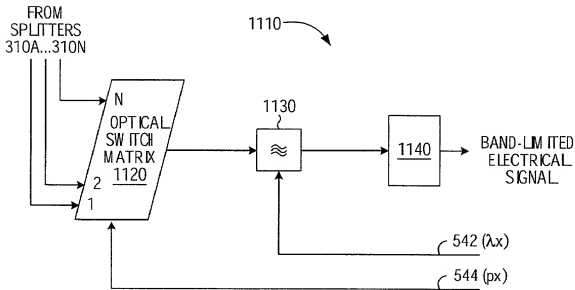
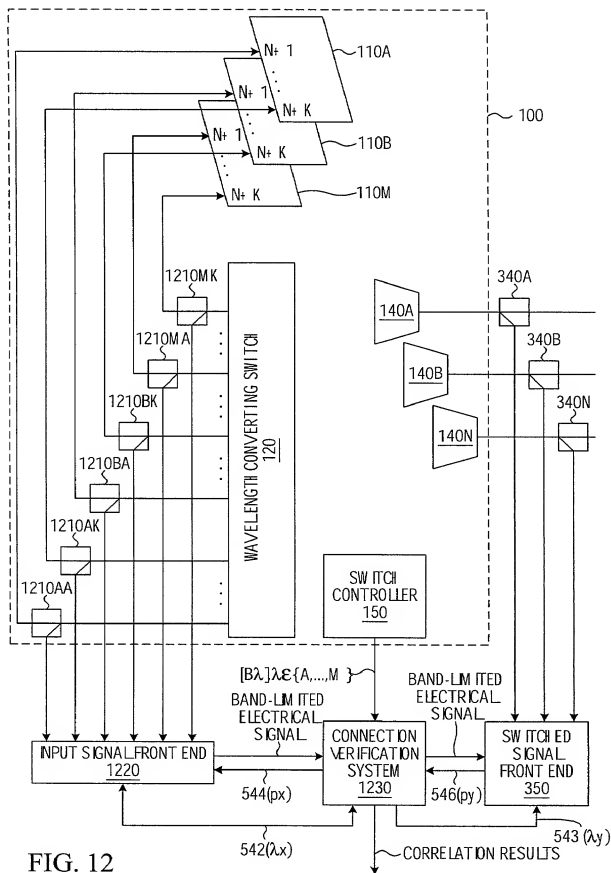


FIG. 11



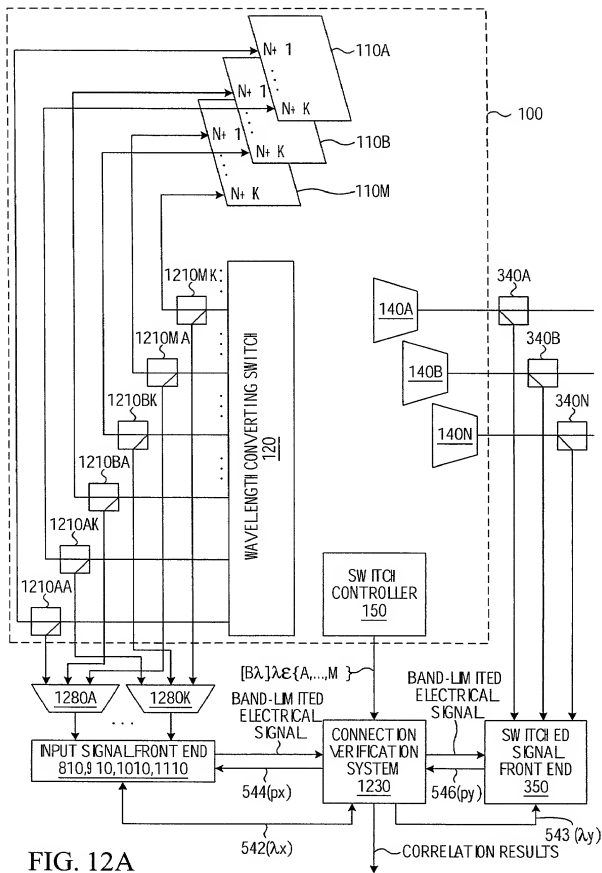


FIG. 12A

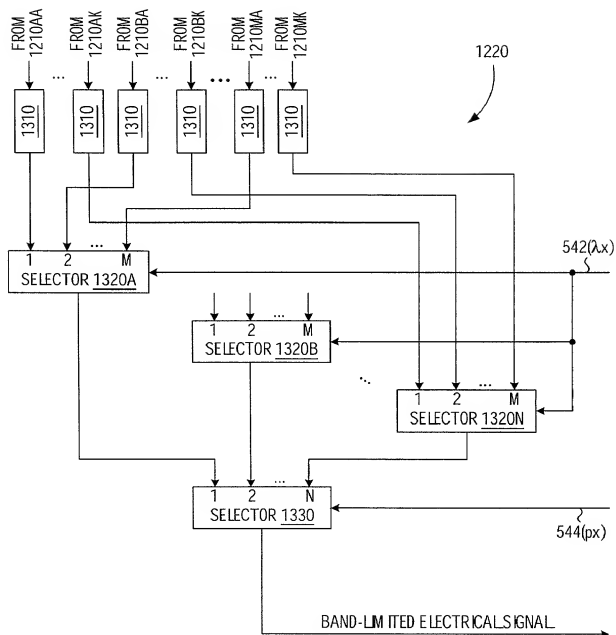


FIG. 13

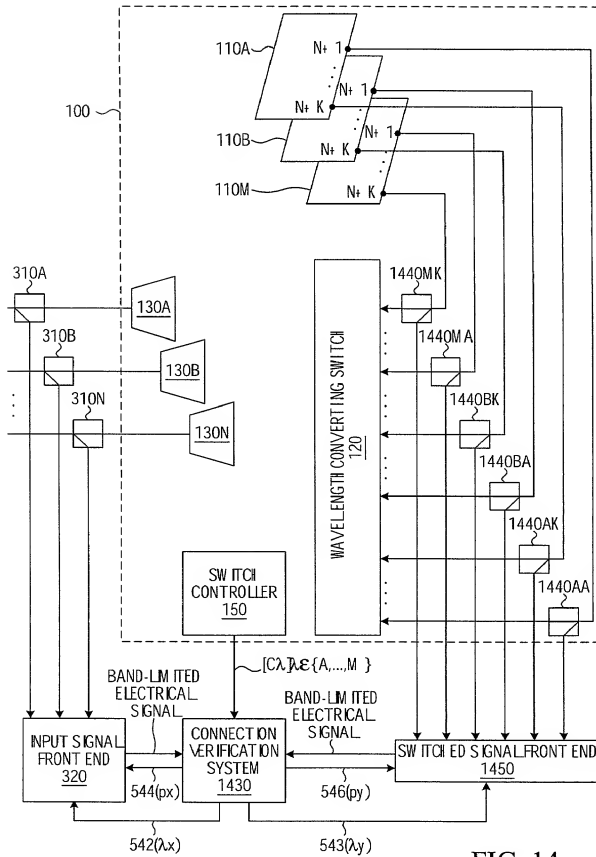


FIG. 14

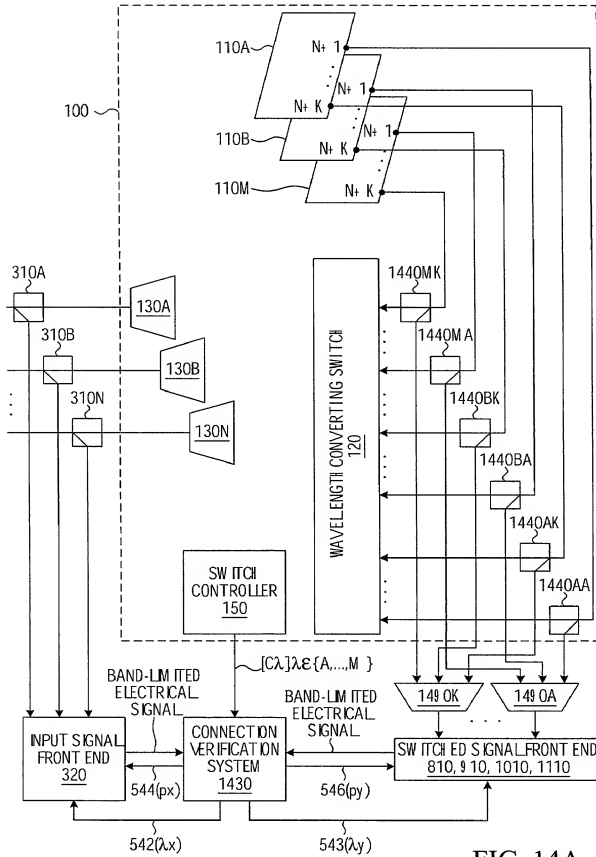


FIG. 14A



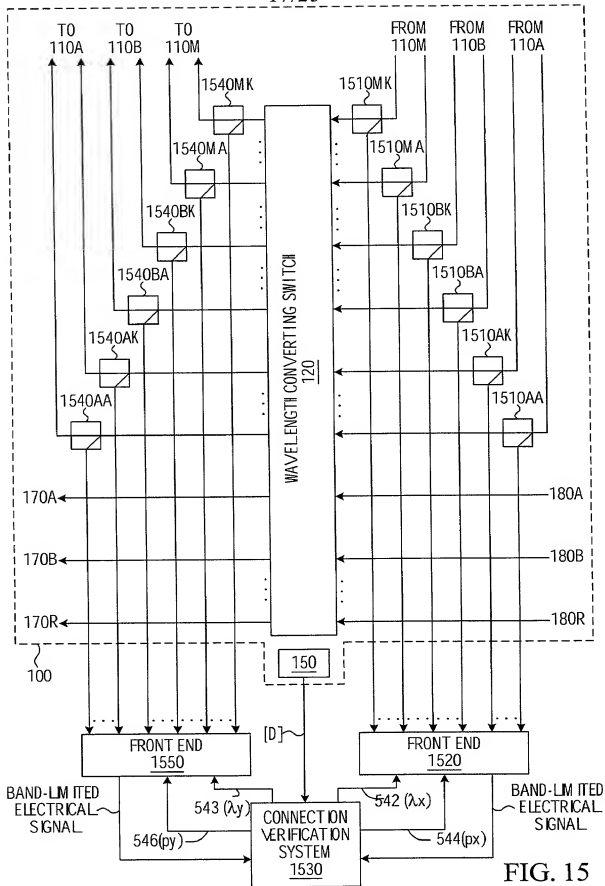


FIG. 15

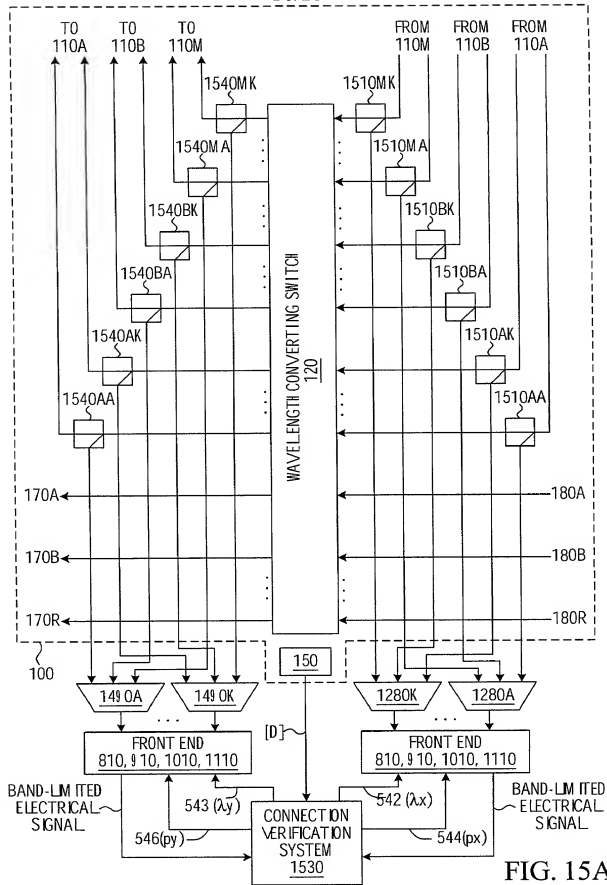


FIG. 15A

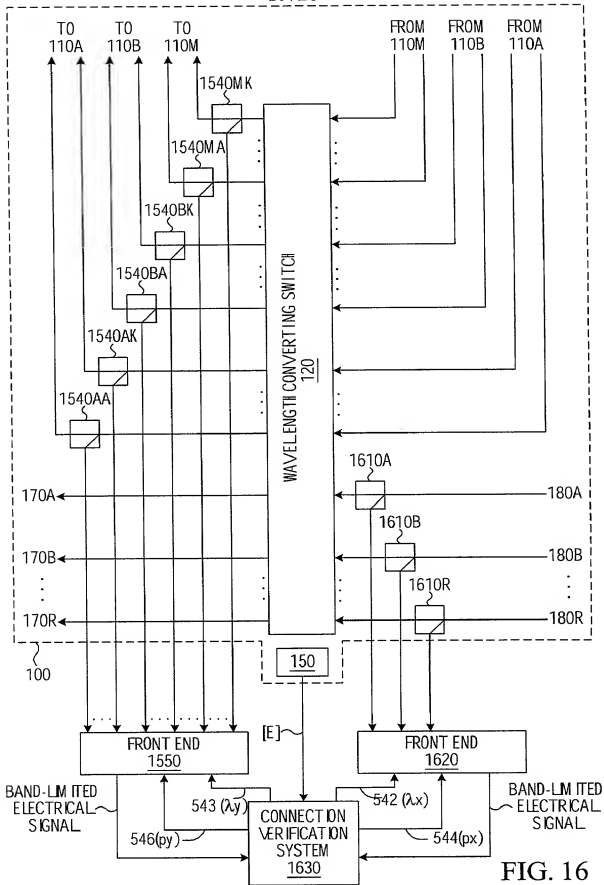


FIG. 16

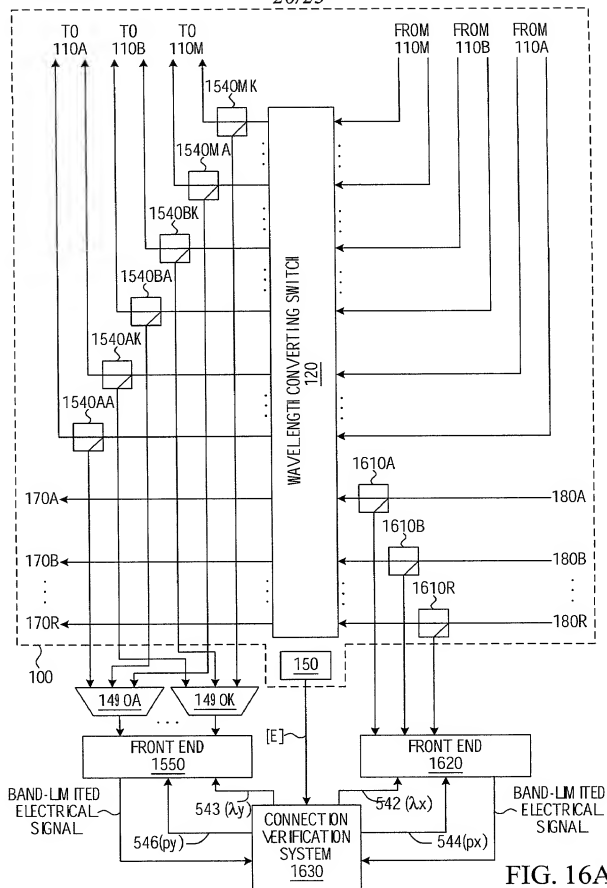


FIG. 16A

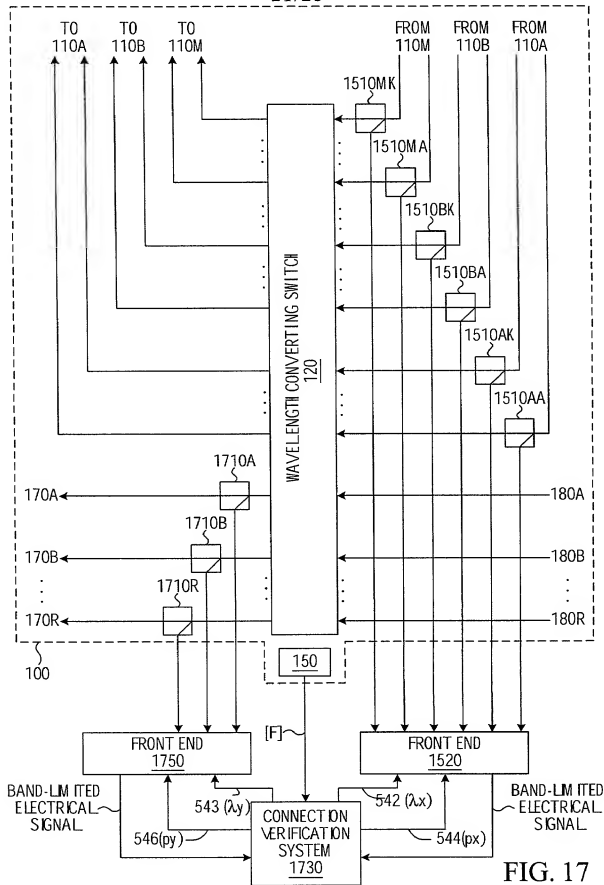


FIG. 17

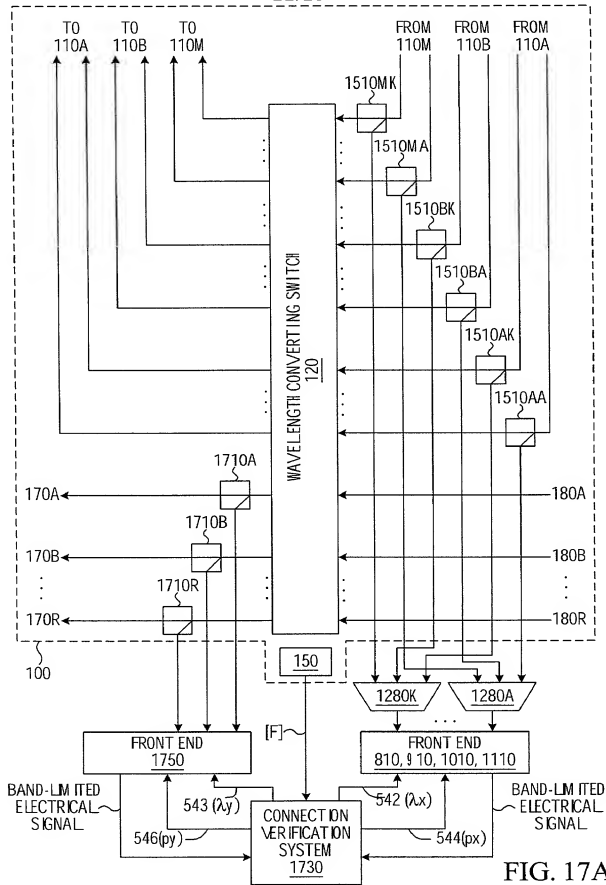


FIG. 17A

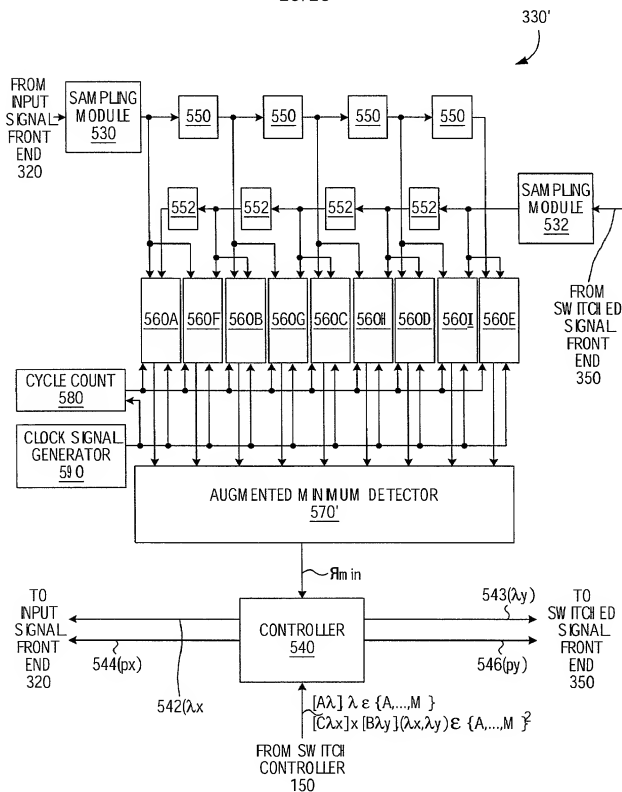


FIG. 18